Instituto de Matemática Interdisciplinar

COLLOQUIUM DE ANÁLISIS MATEMÁTICO

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On subgaussian random elements in a Banach space

Abstract:

We consider several notions of a subgaussian random elements in Hilbert and Banach spaces. A characterization in terms of 2-summing operators of Talagrand's sense subgaussian random random elements will be discussed.

The talk will be based on the papers:

1. Vakhania N. N, Kvaratskhelia V. V., Tarieladze V.I. Weakly Subgaussian random elements in Banach spaces, Ukrainian Math. Journal, 57, 9, 2005, p. 1187-1208.
2. Kvaratskhelia V., Tarieladze V., Vakhania N. Characterization of Subgaussian random elements in a Banach space. J. Math. Sci., 216, 4, 2016, 564-568.

**Fecha: Lunes 17 de junio de 2019 a las 13:00 horas
Lugar: Aula 222
Facultad de CC Matemáticas, UCM**